

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 112025-0447

First Inventor Marco Di Benedetto et al.

Title UPLINKGUARD, APPARATUS AND METHOD FOR  
PREVENTING ONE WAY CONNECTIVITY LOOPS IN A  
COMPUTER NETWORK

Express Mail Label No. EL 705 755 245 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 25 ]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9 ]
5. Oath or Declaration [Total Pages 3 ]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_ /

Prior application information: Examiner \_\_\_\_

Group / Art Unit:

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

(Insert C



el here)

or ☐ Correspondence address below

Name	A. Sidney Johnston					
	PATENT TRADEMARK OFFICE					
Address	Cesari and McKenna					
	88 Black Falcon Avenue					
City	Boston	State	MA	Zip Code	02210	
Country	U. S. A.	Telephone	(617) 951-2500	Fax	(617) 951-3927	

Name (Print/Type)	A. Sidney Johnston	Registration No. (Attorney/Agent)	29,548
Signature	<i>A. Sidney Johnston</i>	Date	December 22, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for  
Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 1,070

## Complete If Known

Application Number	not yet assigned
Filing Date	not yet assigned
First Named Inventor	Marco Di Benedetto et al.
Examiner Name	not yet assigned
Group / Art Unit	not yet assigned
Attorney Docket No.	112025-0447

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237  
Deposit Account Name Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	710	201	35	Utility filing fee	710
		106	320	206	160	Design filing fee	
		107	490	207	245	Plant filing fee	
		108	710	208	355	Reissue filing fee	
		114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)							710

#### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
7	7		20**	0	0
			3**	4	320
					0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		103	18	203	9	Claims in excess of 20	
		102	80	202	40	Independent claims in excess of 3	
		104	270	204	135	Multiple dependent claim, if not paid	
		109	80	209	40	**Reissue independent claims over original patent	
		110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)							320

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	205	65	Fee Surcharge - late filing fee or oath	
		127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
		139	130	139	130	Non-English Specification	
		147	2,520	147	2,520	For filing a request for reexamination	
		112	920	112	920*	Requesting publication of SIR prior to Examiner action	
		113	1,840	113	1,840*	Requesting publication of SIR after Examiner action	
		115	110	215	55	Extension for reply within first month	
		116	390	216	195	Extension for reply within second month	
		117	890	217	445	Extension for reply within third month	
		118	1,390	218	695	Extension for reply within fourth month	
		128	1,890	128	945	Extension for reply within fifth month	
		119	310	219	155	Notice of Appeal	
		120	310	220	155	Filing a brief in support of an appeal	
		121	270	221	135	Request for oral hearing	
		138	1,510	138	1,510	Petition to institute a public use proceeding	
		140	110	240	55	Petition to revive - unavoidable	
		141	1,240	241	620	Petition to revive - unintentional	
		142	1,240	242	620	Utility Issue fee (or reissue)	
		143	440	243	220	Design Issue fee	
		144	600	244	300	Plant Issue fee	
		122	130	122	130	Petitions to the Commissioner	
		123	50	123	50	Petitions related to provisional applications	
		126	240	126	240	Submission of Information Disclosure Stmt	
		581	40	581	40	Recording each patent assignment per property (times number of properties)	40
		146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
		149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
Other (specify)							
Other fee (specify)							
SUBTOTAL (3) (\$)							40

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or Printed Name A. Sidney Johnston

Signature

*A. Sidney Johnston*

Date

December 22, 2000

### Complete (if applicable)

Reg. Number 29,548

Deposit Account User ID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Marco Di Benedetto et al. )  
Serial No.: not yet assigned ) Examiner: not yet assigned  
Filed: not yet assigned ) Art Unit: not yet assigned  
For: UPLINKGUARD, APPARATUS )  
AND METHOD FOR PREVENT- )  
ING ONE WAY CONNECTIVITY )  
LOOPS IN A COMPUTER NET- )  
WORK )

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
December 22, 2000

**EXPRESS-MAIL DEPOSIT**

“Express Mail” Mailing-Label Number: EL 705 755 245 US

The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

<u>X</u> Patent Application ( 25 pages including 7 claims )	<u>X</u> Fee Transmittal Letter
<u>X</u> Oath or Declaration	<u>X</u> Assignment With Recordation Form
<u>X</u> Utility Patent Application Transmittal Letter	Cover Sheet
<u>X</u> Informal Drawing ( 9 sheets )	<u>X</u> Check No. 21488 for \$40.00
<u>X</u> Check No. 21485 for \$1,030.00	<u>X</u> Utility Application Transmittal